

# Brian B Graham

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72  
papers

3,171  
citations

31  
h-index

56  
g-index

107  
ext. papers

3,870  
ext. citations

8.1  
avg, IF

4.9  
L-index

#	Paper	IF	Citations
72	Rationale and design of a screening study to detect schistosomiasis-associated pulmonary hypertension in Ethiopia and Zambia.. <i>Pulmonary Circulation</i> , <b>2022</b> , 12, e12072	2.7	
71	Experimental <i>Schistosoma japonicum</i> -induced pulmonary hypertension.. <i>PLoS Neglected Tropical Diseases</i> , <b>2022</b> , 16, e0010343	4.8	1
70	Peripheral Blood Inflammation Profile of Patients with Pulmonary Arterial Hypertension Using the High-Throughput Olink Proteomics Platform.. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2022</b> , 66, 580-581	5.7	
69	Arterial vascular volume changes with haemodynamics in schistosomiasis-associated pulmonary arterial hypertension. <i>European Respiratory Journal</i> , <b>2021</b> , 57,	13.6	0
68	Endothelial cell PHD2-HIF1 $\beta$ -EPKFB3 contributes to right ventricle vascular adaptation in pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2021</b> , 321, L675-L685	5.8	0
67	Interleukin-6 mediates neutrophil mobilization from bone marrow in pulmonary hypertension. <i>Cellular and Molecular Immunology</i> , <b>2021</b> , 18, 374-384	15.4	8
66	Pathophysiology and potential future therapeutic targets using preclinical models of COVID-19. <i>ERJ Open Research</i> , <b>2020</b> , 6,	3.5	6
65	Exploring New Therapeutic Pathways in Pulmonary Hypertension. Metabolism, Proliferation, and Personalized Medicine. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2020</b> , 63, 279-292	5.7	2
64	Stable isotope metabolomics of pulmonary artery smooth muscle and endothelial cells in pulmonary hypertension and with TGF-beta treatment. <i>Scientific Reports</i> , <b>2020</b> , 10, 413	4.9	8
63	Interstitial macrophage-derived thrombospondin-1 contributes to hypoxia-induced pulmonary hypertension. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 2021-2030	9.9	10
62	Sex-derived attributes contributing to SARS-CoV-2 mortality. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2020</b> , 319, E562-E567	6	31
61	Schistosomiasis Pulmonary Arterial Hypertension. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 608883	8.4	9
60	Suppression of HIF2 signalling attenuates the initiation of hypoxia-induced pulmonary hypertension. <i>European Respiratory Journal</i> , <b>2019</b> , 54,	13.6	35
59	BOLA (BoLA Family Member 3) Deficiency Controls Endothelial Metabolism and Glycine Homeostasis in Pulmonary Hypertension. <i>Circulation</i> , <b>2019</b> , 139, 2238-2255	16.7	28
58	The Role of Type 2 Inflammation in -Induced Pulmonary Hypertension. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 27	8.4	12
57	IL-6Ra in Smooth Muscle Cells Protects against - and Hypoxia-induced Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2019</b> , 61, 123-126	5.7	3
56	Th2 CD4 T Cells Are Necessary and Sufficient for <i>Schistosoma</i> -Pulmonary Hypertension. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e013111	6	16

55	Hot topics in the mechanisms of pulmonary arterial hypertension disease: cancer-like pathobiology, the role of the adventitia, systemic involvement, and right ventricular failure. <i>Pulmonary Circulation</i> , <b>2019</b> , 9, 2045894019889775	2.7	15
54	Systems Analysis of the Human Pulmonary Arterial Hypertension Lung Transcriptome. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2019</b> , 60, 637-649	5.7	36
53	Common genetic variants in pulmonary arterial hypertension. <i>Lancet Respiratory Medicine</i> , <b>2019</b> , 7, 190-191	35.1	2
52	Paclitaxel blocks Th2-mediated TGF- $\beta$ activation in <i>Schistosoma mansoni</i> -induced pulmonary hypertension. <i>Pulmonary Circulation</i> , <b>2019</b> , 9, 2045894018820813	2.7	6
51	Dynamic and diverse changes in the functional properties of vascular smooth muscle cells in pulmonary hypertension. <i>Cardiovascular Research</i> , <b>2018</b> , 114, 551-564	9.9	49
50	Dominant Role for Regulatory T Cells in Protecting Females Against Pulmonary Hypertension. <i>Circulation Research</i> , <b>2018</b> , 122, 1689-1702	15.7	57
49	IL-33-HIF1 $\alpha$ Axis in Hypoxic Pulmonary Hypertension. <i>EBioMedicine</i> , <b>2018</b> , 33, 8-9	8.8	2
48	Vascular Adaptation of the Right Ventricle in Experimental Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2018</b> , 59, 479-489	5.7	18
47	NEDD9 targets to promote endothelial fibrosis and pulmonary arterial hypertension. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	52
46	Barriers and Solutions to Developing Future Therapies for Pulmonary Hypertension. <i>Advances in Pulmonary Hypertension</i> , <b>2018</b> , 17, 159-165	0.5	
45	Right Ventricle Vasculature in Human Pulmonary Hypertension Assessed by Stereology. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 1075-1077	10.2	19
44	A Time- and Compartment-Specific Activation of Lung Macrophages in Hypoxic Pulmonary Hypertension. <i>Journal of Immunology</i> , <b>2017</b> , 198, 4802-4812	5.3	40
43	Enhanced inflammatory cell profiles in schistosomiasis-induced pulmonary vascular remodeling. <i>Pulmonary Circulation</i> , <b>2017</b> , 7, 244-252	2.7	5
42	TGF- $\beta$ activation by bone marrow-derived thrombospondin-1 causes <i>Schistosoma</i> - and hypoxia-induced pulmonary hypertension. <i>Nature Communications</i> , <b>2017</b> , 8, 15494	17.4	72
41	Bone marrow transplantation prevents right ventricle disease in the $\alpha$ -deficient mouse model of pulmonary hypertension. <i>Blood Advances</i> , <b>2017</b> , 1, 526-534	7.8	6
40	Fatty Acid Metabolism, Bone Morphogenetic Protein Receptor Type 2, and the Right Ventricle. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 194, 655-6	10.2	2
39	Increased mitochondrial arginine metabolism supports bioenergetics in asthma. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 2465-81	15.9	65
38	Determining the Optimal Approach to Initiating Oral, Inhaled, and Intravenous Therapies in Clinical Practice: Sequential Goal-Directed Therapy Is Best <b>2016</b> , 271-276		

37	The Causal Role of IL-4 and IL-13 in <i>Schistosoma mansoni</i> Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2015</b> , 192, 998-1008	10.2	51
36	Genetic and hypoxic alterations of the microRNA-210-ISCU1/2 axis promote iron-sulfur deficiency and pulmonary hypertension. <i>EMBO Molecular Medicine</i> , <b>2015</b> , 7, 695-713	12	96
35	Matrix Remodeling Promotes Pulmonary Hypertension through Feedback Mechanoactivation of the YAP/TAZ-miR-130/301 Circuit. <i>Cell Reports</i> , <b>2015</b> , 13, 1016-32	10.6	144
34	Severe pulmonary hypertension is associated with altered right ventricle metabolic substrate uptake. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2015</b> , 309, L435-40	5.8	34
33	The crossroads of iron with hypoxia and cellular metabolism. Implications in the pathobiology of pulmonary hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2014</b> , 51, 721-9	5.7	30
32	Rtp801 suppression of epithelial mTORC1 augments endotoxin-induced lung inflammation. <i>American Journal of Pathology</i> , <b>2014</b> , 184, 2382-9	5.8	18
31	Role of vascular endothelial growth factor signaling in <i>Schistosoma</i> -induced experimental pulmonary hypertension. <i>Pulmonary Circulation</i> , <b>2014</b> , 4, 289-99	2.7	9
30	Functional prostacyclin synthase promoter polymorphisms. Impact in pulmonary arterial hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 189, 1110-20	10.2	14
29	Schistosomiasis and the pulmonary vasculature (2013 Grover Conference series). <i>Pulmonary Circulation</i> , <b>2014</b> , 4, 353-62	2.7	17
28	Systems-level regulation of microRNA networks by miR-130/301 promotes pulmonary hypertension. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 3514-28	15.9	157
27	Adventitial fibroblasts induce a distinct proinflammatory/profibrotic macrophage phenotype in pulmonary hypertension. <i>Journal of Immunology</i> , <b>2014</b> , 193, 597-609	5.3	125
26	Role of IL-4 and IL-13 in <i>Schistosoma</i> -induced pulmonary hypertension (LB780). <i>FASEB Journal</i> , <b>2014</b> , 28, LB780	0.9	1
25	Antagonistic regulation by the transcription factors C/EBP $\beta$ and MITF specifies basophil and mast cell fates. <i>Immunity</i> , <b>2013</b> , 39, 97-110	32.3	95
24	Pathology of pulmonary hypertension. <i>Clinics in Chest Medicine</i> , <b>2013</b> , 34, 639-50	5.3	96
23	A sinus venosus atrial septal defect is diagnosed by echocardiography with an unusual bubble study. <i>Echocardiography</i> , <b>2013</b> , 30, E182-3	1.5	4
22	Deletion of iron regulatory protein 1 causes polycythemia and pulmonary hypertension in mice through translational derepression of HIF2 $\alpha$ . <i>Cell Metabolism</i> , <b>2013</b> , 17, 271-81	24.6	131
21	Fasting 2-deoxy-2-[18F]fluoro-D-glucose positron emission tomography to detect metabolic changes in pulmonary arterial hypertension hearts over 1 year. <i>Annals of the American Thoracic Society</i> , <b>2013</b> , 10, 1-9	4.7	85
20	Dysfunctional resident lung mesenchymal stem cells contribute to pulmonary microvascular remodeling. <i>Pulmonary Circulation</i> , <b>2013</b> , 3, 31-49	2.7	57

19	Pulmonary veins in the normal lung and pulmonary hypertension due to left heart disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2013</b> , 305, L725-36	5.8	25
18	Transforming growth factor- $\beta$ signaling promotes pulmonary hypertension caused by <i>Schistosoma mansoni</i> . <i>Circulation</i> , <b>2013</b> , 128, 1354-64	16.7	74
17	Schistosomiasis causes remodeling of pulmonary vessels in the lung in a heterogeneous localized manner: Detailed study. <i>Pulmonary Circulation</i> , <b>2013</b> , 3, 356-62	2.7	20
16	Protective role of IL-6 in vascular remodeling in <i>Schistosoma</i> pulmonary hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2013</b> , 49, 951-9	5.7	38
15	Targeting energetic metabolism: a new frontier in the pathogenesis and treatment of pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 185, 260-6	10.2	122
14	Modern age pathology of pulmonary arterial hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 186, 261-72	10.2	376
13	Pulmonary vascular disease in mice xenografted with human BM progenitors from patients with pulmonary arterial hypertension. <i>Blood</i> , <b>2012</b> , 120, 1218-27	2.2	61
12	Significant intrapulmonary <i>Schistosoma</i> egg antigens are not present in schistosomiasis-associated pulmonary hypertension. <i>Pulmonary Circulation</i> , <b>2011</b> , 1, 456-61	2.7	30
11	Tracheal Basal cells: a facultative progenitor cell pool. <i>American Journal of Pathology</i> , <b>2010</b> , 177, 362-76	5.8	107
10	Schistosomiasis-induced experimental pulmonary hypertension: role of interleukin-13 signaling. <i>American Journal of Pathology</i> , <b>2010</b> , 177, 1549-61	5.8	77
9	Schistosomiasis-associated pulmonary hypertension: pulmonary vascular disease: the global perspective. <i>Chest</i> , <b>2010</b> , 137, 20S-29S	5.3	84
8	Diabetes mellitus does not adversely affect outcomes from a critical illness. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 16-24	1.4	88
7	Clinical problem-solving. Kiss of death. <i>New England Journal of Medicine</i> , <b>2009</b> , 360, 2564-8	59.2	8
6	TNF $\alpha$ inhibits apoptotic cell clearance in the lung, exacerbating acute inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2009</b> , 297, L586-95	5.8	42
5	Dyspnea, chest pain, and altered mental status in a 33-year-old carpenter. <i>Chest</i> , <b>2008</b> , 134, 1074-1079	5.3	
4	Cigarette smoke triggers code red: p21CIP1/WAF1/SDI1 switches on danger responses in the lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2008</b> , 39, 1-6	5.7	29
3	Primary pulmonary lymphoma. <i>Annals of Thoracic Surgery</i> , <b>2005</b> , 80, 1248-53	2.7	78
2	End-to-side venous anastomosis with the internal jugular vein stump: a preliminary report. <i>Head and Neck</i> , <b>2004</b> , 26, 537-40	4.2	5

1 Pediatric tracheal surgery. *Annals of Thoracic Surgery*, **2002**, 74, 308-13; discussion 314

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